

=> fil reg

FILE 'REGISTRY' ENTERED AT 07:20:55 ON 04 JUN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 3 JUN 2007 HIGHEST RN 936470-74-5
DICTIONARY FILE UPDATES: 3 JUN 2007 HIGHEST RN 936470-74-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

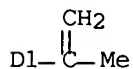
<http://www.cas.org/support/stngen/stndoc/properties.html>

=> d ide can tot l13

L13 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 73740-38-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexene, methyl(1-methylethenyl)- (9CI) (CA INDEX NAME)
DR 88456-09-1
MF C10 H16
CI IDS
LC STN Files: CA, CAPLUS, TOXCENTER



D1-Me



4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 146:464739

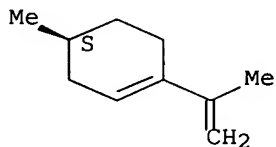
REFERENCE 2: 121:90309

REFERENCE 3: 100:54446

REFERENCE 4: 92:214975

L13 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 62433-77-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexene, 4-methyl-1-(1-methylethenyl)-, (S)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C10 H16
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

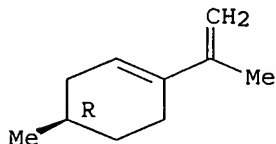
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 111:174408

REFERENCE 2: 86:121536

L13 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN
RN 62192-80-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexene, 4-methyl-1-(1-methylethenyl)-, (4R)- (CA INDEX
NAME)
OTHER CA INDEX NAMES:
CN Cyclohexene, 4-methyl-1-(1-methylethenyl)-, (R)-
FS STEREOSEARCH
MF C10 H16
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMLIST
(*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

15 REFERENCES IN FILE CA (1907 TO DATE)

15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 146:273731
REFERENCE 2: 129:15915
REFERENCE 3: 126:30931
REFERENCE 4: 121:280691
REFERENCE 5: 121:205691
REFERENCE 6: 114:118449
REFERENCE 7: 111:174408
REFERENCE 8: 111:134488
REFERENCE 9: 102:113197
REFERENCE 10: 98:54224

L13 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2007 ACS on STN

RN 586-67-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN Cyclohexene, 4-methyl-1-(1-methylethenyl)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN p-Mentha-3,8-diene (8CI)

CN p-Mentha-3,8-diene, dl- (6CI)

OTHER NAMES:

CN 3,8-p-Menthadiene

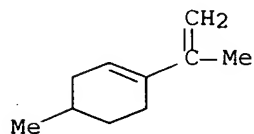
CN 3,8-para-Menthadiene

DR 105499-12-5

MF C10 H16

SR CAS EARLY REGISTRATIONS

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT,
CHEMLIST, DETHERM*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

119 REFERENCES IN FILE CA (1907 TO DATE)

119 REFERENCES IN FILE CAPLUS (1907 TO DATE)

2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

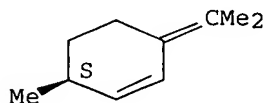
REFERENCE 1: 146:480874
REFERENCE 2: 146:334060
REFERENCE 3: 146:312751

REFERENCE 4: 146:312747
REFERENCE 5: 146:296092
REFERENCE 6: 146:272757
REFERENCE 7: 145:459916
REFERENCE 8: 145:331625
REFERENCE 9: 145:195113
REFERENCE 10: 144:260047

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L21 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 62504-16-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexene, 3-methyl-6-(1-methylethylidene)-, (S)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C10 H16
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

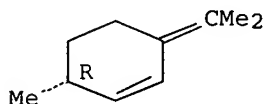
4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 111:174408
REFERENCE 2: 96:52512
REFERENCE 3: 92:198534
REFERENCE 4: 86:121536

L21 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 43124-56-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexene, 3-methyl-6-(1-methylethylidene)-, (3R)- (9CI) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Cyclohexene, 3-methyl-6-(1-methylethylidene)-, (R)-
OTHER NAMES:
CN (+)-Isoterpinolene

FS STEREOSEARCH
MF C10 H16
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)

Absolute stereochemistry.

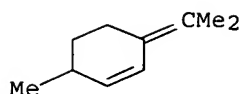


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

12 REFERENCES IN FILE CA (1907 TO DATE)
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 129:15915
REFERENCE 2: 121:280691
REFERENCE 3: 121:205691
REFERENCE 4: 114:118449
REFERENCE 5: 111:174408
REFERENCE 6: 99:38083
REFERENCE 7: 98:54224
REFERENCE 8: 93:239705
REFERENCE 9: 93:132650
REFERENCE 10: 93:8330

L21 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2007 ACS on STN
RN 586-63-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cyclohexene, 3-methyl-6-(1-methylethylidene)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN p-Mentha-2,4(8)-diene (8CI)
OTHER NAMES:
CN 2,4(8)-p-Menthadiene
CN Isoterpinolene
MF C10 H16
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS,
CASREACT, CHEMLIST, NAPRALERT, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(*Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

273 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 275 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1: 146:487132
 REFERENCE 2: 146:486890
 REFERENCE 3: 146:375774
 REFERENCE 4: 146:319063
 REFERENCE 5: 146:312751
 REFERENCE 6: 146:200198
 REFERENCE 7: 146:180744
 REFERENCE 8: 146:159200
 REFERENCE 9: 146:118073
 REFERENCE 10: 146:77979

=> => d his

(FILE 'HOME' ENTERED AT 07:06:26 ON 04 JUN 2007)
 SET COST OFF

FILE 'REGISTRY' ENTERED AT 07:06:42 ON 04 JUN 2007

L1 66861 S 46.150.2/RID AND 1/NR
 L2 476 S L1 AND 2/ELC.SUB AND 10/C
 L3 201 S L2 AND C10H16/MF
 L4 13 S L3 AND IDS/CI
 SEL RN 2 6
 L5 2 S E1-E2
 L6 188 S L3 NOT L4
 L7 56 S L6 AND METHYLETHENYL
 L8 38 S L7 NOT (D OR T)/ELS
 L9 36 S L8 NOT (11C# OR 13C# OR 14C# OR C11# OR C13# OR C14#)
 L10 33 S L9 NOT LABELED
 L11 3 S L10 AND 4 METHYL 1
 L12 1 S L5 AND 73740-38-2
 L13 4 S L11,L12
 L14 30 S L10 NOT L11-L13
 L15 132 S L6 NOT L7
 L16 119 S L15 NOT (11C# OR 13C# OR 14C# OR C11# OR C13# OR C14# OR (D O
 L17 10 S L16 AND METHYLETHYLIDENE
 L18 9 S L17 NOT ION

L19 3 S L18 AND 3 METHYL 6
L20 6 S L18 NOT L19
E ISOTERPINOLENE
L21 3 S E3 OR L19

FILE 'REGISTRY' ENTERED AT 07:20:55 ON 04 JUN 2007

FILE 'HCAPLUS' ENTERED AT 07:21:24 ON 04 JUN 2007

L22 139 S L13
L23 92 S 3()8()(P OR PARA)()MENTHADIENE OR (P OR PARA)()MENTHA()3()8()
L24 13 S DELTA 3 8 9 ()(P OR PARA)()MENTHADIENE
L25 25 S 3 8 9 ()(P OR PARA)()MENTHADIENE
L26 5 S 3 8 MENTHADIENE
L27 1 S CYCLOHEXENE(S)1 ISOPROPENYL 4 METHYL
L28 162 S L22-L27
L29 289 S L21
L30 122 S ISOTERPINOLENE
L31 102 S (P OR PARA)()MENTHA 2 4 8 DIENE
L32 5 S ISO TERPINOLENE
L33 36 S 2 4 8()(P OR PARA)()MENTHADIENE
L34 3 S (P OR PARA)()2 4 8 MENTHADIENE
L35 322 S L29-L34

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